

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)



Attorney Docket Number	40705/DMC/V165
Application Number	10/044,413
Filing Date	October 24, 2001
Applicant(s)	Tim Coe
Group Art Unit	Unknown 2133
Examiner Name	To Be Assigned

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SLB	4,295,218	10/1981	Tanner	371	40	
SLB	4,547,882	10/1985	Tanner	371	38	
SLB	5,446,747	08/1995	Berrou	371	45	
SLB	5,930,272	07/1999	Thesling	371	37.01	
SLB	6,073,250	06/2000	Luby et al.	714	6	
SLB	6,081,909	06/2000	Luby et al.	714	701	
SLB	6,081,918	06/2000	Spielman	714	746	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS

EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
SLB	Bazzi, et al., "Exact Thresholds and Optimal Codes for the Binary Symmetric Channel and Gallager's Decoding Algorithm A", Bell Labs, Lucent Technologies, Murray Hill NJ, August 22, 1999 (pp. 1-20).
SLB	Chung, "On the Construction of Some Capacity-Approaching Coding Schemes", Massachusetts Institute of Technology, September 2000, (pp. 1- 241).
SLB	Felstrom, et al., "Time-Varying Periodic Convolutional Codes With Low-Density Parity-Check Matrix", IEEE Transactions on Information Theory, Vol. 45, No. 6, September 1999 (pp. 2181-2191)

EXAMINER
SIGNATURE

DATE
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8/19/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



FORM PTO-1449 INFORMATIONAL DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Attorney Docket Number	40705/DMC/V165
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SHB	Davey, "Error-correction using Low-Density Parity-Check Codes", Cavendish Laboratory, University of Cambridge, December 1999 (pp i-vi and 1-107).
SHB	Gallagher, "Low-Density Parity-Check Codes*", IRE Transactions On Information Theory, January 1962, (pp. 21-28).
SHB	Gallagher, "Low-Density Parity-Check Codes" M.I.T. Press, 1963 (pp. 1-102)
SHB	Kschischang, et al., "Factor Graphs and the Sum-Product Algorithm", IEEE Transactions on Information Theory, October 19, 2000 (pp. i, ii, 1-50)
SHB	Luby, et al., "Improved Low-Density Parity-Check Codes Using Irregular Graphs and Belief Propagation", Digital Systems Research Center, 1998-009, April 15, 1998 (pp. 1-8)
SHB	Lustenberger, et al., "An Analog VLSI Decoding Technique for Digital Codes*", IEEE, 0-7803-5474-5/99, 1999 (pp. II-428-431)
SHB	MacKay, "Good Error-Correcting Codes based on Very Sparse Matrices", IEEE Transactions on Information Theory, January 1999 (pp. 1-55)
SHB	MacKay, "Near Shannon Limit Performance of Low Density Parity Check Codes", Electronics Letters July 12, 1996 (pp. 1-4)
SHB	MacKay, "Turbo Codes are Low Density Parity Check Codes", Abstract First Draft July 8, 1998, (5 pgs)
SHB	McEliece, "Achieving the Shannon Limit: A Progress Report", Thirty-Eighth Allerton Conference, October 5, 2000 (62 pgs)
SHB	Mitzenmacher, "A Note on Low Density Parity Check Codes for Erasures and Errors", SRC Technical Note, December 11, 1998 (pp. 1-10)
SHB	Pfister, et al., "Low Density Parity Check Codes: Decoding Analysis", STAR Group, UCSD, {hpfister, psiegel}@ucsd.edu, January 25, 2000 (pp. 1-14)
SHB	T. Richardson and R. Urbanke, "An Introduction to the Analysis of Iterative Coding Systems", In B. Marcus and J. Rosenthal, editors, Codes, Systems and Graphical Models, IMA Vol. 123, pages 1-37, Springer-Verlag, 2000.
SHB	Richardson, et al., "Design of Provably Good Low-Density Parity Check Codes", Bell Labs, Lucent Technologies, Murray Hill, NJ, April 6, 1999 (pp. 1-35)

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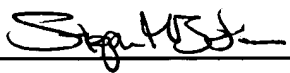
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SHB	Richardson, et al., "Efficient Encoding of Low-Density Parity-Check Codes", Bell Labs, Lucent Technologies, Murray Hill, NJ, February 7, 2000 (pp. 1-50)
SHB	Richardson, et al., "The Capacity of Low-Density Parity Check Codes under Message-Passing Decoding", Bell Labs, Lucent Technologies, Murray Hill, NJ, November 11, 1998 (pp. 1-42)
SHB	J. Rosenthal, "An Algebraic Decoding Algorithm for Convolutional Codes", In G. Picci and D.S. Gilliam, editors, Dynamical Systems, Control, Coding, Computer Vision: New Trends, Interfaces, and Interplay, pages 343-360. Birkäuser, Boston-Basel-Berlin, 1999.
SHB	Ross, et al., "Implementing & Using Low Density Parity Check Codes - A Portable Toolkit", http://www.people.fas.harvard.edu/~rross/cs222/paper.html , January 17, 2000, (10 pgs)
SHB	Wiberg, "Codes and Decoding on General Graphs", Department of Electrical Engineering, Linköping University, L.J. Foto & Montage, Linköping 1996 (pp. v, vii, ix, 1 - 94)
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